

Title (en)  
GENETICALLY MODIFIED CHRYSANTHEMUMS

Title (de)  
GENETISCH MODIFIZIERTE CHRYSANTHEMEN

Title (fr)  
CHRYSANTHÈMES GÉNÉTIQUEMENT MODIFIÉS

Publication  
**EP 2187730 A1 20100526 (EN)**

Application  
**EP 08850946 A 20081114**

Priority  
• AU 2008001694 W 20081114  
• US 98833107 P 20071115

Abstract (en)  
[origin: WO2009062253A1] The present invention relates to genetically modified chrysanthemum plants expressing altered inflorescence. The chrysanthemum flavonoid pathway is manipulated to produce plants with blue or violet inflorescence. Blue delphinidin pigments are produced by the expression of flavonoid 3 '5' hydroxylase and (optionally) the suppression of flavonoid 3' hydroxylase activity.

IPC 8 full level  
**A01H 4/00** (2006.01); **A01H 5/02** (2006.01); **C12N 5/10** (2006.01); **C12N 9/00** (2006.01); **C12N 15/53** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP US)  
**C12N 15/8202** (2013.01 - US); **C12N 15/8243** (2013.01 - EP US); **C12N 15/825** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**WO 2009062253 A1 20090522**; AU 2008323623 A1 20090522; AU 2008323623 B2 20150122; EP 2187730 A1 20100526; EP 2187730 A4 20110511; EP 2187730 B1 20160406; JP 2011504103 A 20110203; JP 5582504 B2 20140903; US 2011023162 A1 20110127; US 2015074856 A1 20150312

DOCDB simple family (application)  
**AU 2008001694 W 20081114**; AU 2008323623 A 20081114; EP 08850946 A 20081114; JP 2010533382 A 20081114; US 201414498978 A 20140926; US 74316508 A 20081114